INDEX

A

Abderhalden, E., 170
Advantages of a non-luminous flame for internal combustion engines (du Pont), xiii
Advantages of lessening radiation in the cylinders of internal combustion engines (du Pont), 345
Agrippa, 203
Aiken, Robert G.: The double stars showing orbital motion, xv
Albright, William F.: The archæological results of the third campaign of Tell Beit Mirsom, xii
Alexander, 322
Andrews, C. F., 331
Archæological results of the third campaign (Albright), xii
Aristotle, 310
Ascoli, M., 103
Asoka, 322
Assault on atoms (Compton), 215
Aston, F. W., 222, 284
Augustus, 203

B

Bacon, Francis, 256–257
Barton, William, 241–243, 247
Bazzoni, 316
Bearing of distribution of phlox subulata on glacial plant zoning (Wherry), xv
Beck, James M., elected councillor, xi
Beck, James M.: Thou shalt not, 297
Beneden, Edouard Van, 234
Benedict, Francis G., elected councillor, xi
Benedict, Francis G.: The heat production of the resting horse, xiii
Bergson, 258–259
Boas, George, 231
Boethius, 202
Bohr, 226
Bonnet, 235
Bose, Subhash Chandra, 318
Bothwell, 359
Boyd, T. A., 345, 351
Breasted, James H., elected vice-president, xi
Bronk, Detler W.: The nervous regulation of blood pressure, xiii
Brown, R. M., 145
Brown, W. Norman: India's will to be a nation, 317, xiii
Brubaker, Albert P., elected curator, xi
Bryce, James, 283
Burke, Edmund, 299, 306

C

Caesar, Julius, 219, 273, 305–306, 308
Canute, 269
Carrel, 250–251
Cattel, McK., 183
Chambers, Edmund, 357, 360–361
Chambers, Robert, 173
Chamberlain, 359
Changes which gaseous ions undergo with time (Zeleny), 121, viii
Chaplin, Charlie, 274
Chemistry of the stars (Russell), xiv
Chesterton, 280
Cheyney, 316
Child, 250
Churchhill, 319
Cicero, 198, 204, 273
Clark, G. L., 351
Clark, S. G., 23, 29, 34
Colbert, Edwin H.: The elephant enamel method of measuring pleistocene time. Also stages in the succession of fossil man and stone age industries, 187, xiv
Colkins, Elmo, 270
Collander, R., 176
Communication and world peace (Kaempffert), 273
Compton, Aurthur H.: Assault on atoms, 215
  How the atom is built, 224
  The electron, 220
  The nucleus and the proton, 222
  The parts of the atom, 219, 309

Concerning toxic amblyopias with especial reference to methyl alcohol (de Schweinitz), xvii
Conklin, 309, 311, 316
Conklin, Edwin, G., elected councillor, xi
Coomaraswamy, 322
Copernicus, 224
Crickmay, C. H.: Jurassic history of North America: its bearing on the development of Continental structure, 15
Crile, 251
Cromwell, Oliver, 355
Cunningham, W. P., 135
Curtis, Heber D., 371

D

Dacqué, E., 75
Daguerre, 274
Darwin, 234
Davenant, William, 357
Davenport, Charles B.: Individual vs. mass studies in child growth, xiv, 381
de Candolle, A. P., 235
de Gruyter, Walter, 393
Democritus, 215
Dempster, 222
Dercum, Francis X.: Non-living and living matter, 1
de Schweinitz, George E.: Concerning toxic ambliopias with especial reference to methyl alcohol, xvii
de Tocqueville, 258
Dewey, John, 258–259
Dietrich, W. O., 187
Diffusion Processes in non-living and living systems (Jacobs), vii
Dinsmoor, William B.: The temple of Apollo at Bassai, xii
Donaldson, 309
Double stars showing orbital motion (Aiken), xv
Dubois, Eugene, 187
Du Pont, Francis I.: The advantages of lessening radiation in the cylinders of internal combustion engines, 345
Advantages of a non-luminous flame for interval combustion engines, xiii

E

Early tertiary mollusca from Wyoming (Russell), xiv
Economic adjustment in a machine age (Patterson), 263
Some characteristics of the machine age, 264
Some economic needs, 271
Some of the results, 266
Edge, 269
Einstein, 259, 304
Elephant enamel method of measuring pleistocene time. Also stages in the succession of fossil man and stone age industries (Osborn and Colbert), 187, xiv
Epicurus, 215
Erikson, H. A., 133
Esper, 235

F

Fitton Mary, 357
Foucher, 323
François, 235
Frank, Tenney: Some economic aspects of Rome's early law, xiii, 193
Frankel, Lee K.: Lengthening the span of life, 241, 309
Frankenfield, H. C., 147
Franklin, Benjamin, 241, 298, 299
Frazer, Persifor, 354
Freundenberg, Wilhelm, 187

G

Gaius, 198, 201–202, 204
Galileo, 224
Gandhi, 318–320, 326, 328–329, 334–335, 340, 342
Gellius, 203
Golding, 355
Goodspeed, Arthur W., elected secretary, xi
Goodspeed, Arthur W.: Leslie William Miller, 399
Gottschee Germans of Slovenia (Prince), xiii, 391
Greenland expeditions, actual and projected (Hobbs), xv
Greg, 360
Groddeck, 233
Grundy, 306–307
Gutenberg, 274

H

Hamlet, 356, 359
Harbord, 277
Harkins, 223

Harrington, M. W., 137
Hathaway, Anne, 356
Heat, production of the resting horse (Benedict), xiii
Heaviside, O., 104
Heisenberg, 226
Hix, Joynson, 341
Hobbs, William H.: Soess, pebble bands, and boulders from glacial out-wash of the Greenland continental glacier, xiv
Greenland expeditions, actual and projected, xv
Höber, R., 181
Hoffmann, F., 181
Hogben, 237
Holt, 235, 238
Hopes in the biological sciences (Wheeler), 231
Hopkins, B. Smith: Untangling one of nature's puzzles, xiii, 207
Hormone of the adrenel cortex (Swingle), xvii
Homer, 194
Howard, Miss E., 185
Huber, Pierre, 235
Hulbert, Henry S.: Preliminary results on the application of the motion picture camera to celestial photography, xv, 371

I

India's will to be a nation (Brown), xiii, 317
Individual vs. mass studies in child growth (Davenport), xiv, 381
Iyengar, Srinivasa, 318

J

Jacobs, Merkel H.: Diffusion processes in non-living and living systems, vii, 167
Osmotic hemolysis and Zoölogical classification, xvi, 363
James, William, 259
Jefferson, 303
Jenner, 234
Jennings, 235
John Filson's map of Kentucky, 1784 (Martin), xiii
Johnson, 316
Jonke, George, 393
Jowett, 256
Jurassic history of North America: its bearing on the development of Continental structure (Crickmay), 15
Acknowledgments, 73
Dependence upon Buckman's results, 73.
Special acknowledgments, 75
Bibliography, 96–102
General conclusions, 69
Continental development, 71
Correlation of Jurassic Submergences, 69.
Paleoclimatology, 69
Peculiarities of the Jurassic Seas, 70
Harrison Lake, 45
Conclusions, 46
Other localities, 46
Interpretation of the Paleogeographic Maps, 76
Map-taking technique, 76
Summary of Paleogeography, 78
Introduction, 15
Necessity of limiting the field, 16
Plan of work, 15
The problems of paleogeography, 15
Jurassic history—North America at the beginning of the Jurassic, 18
Central Alaska, 20
Relief, 21
The Nucleus or Kretogen, 18
The Sonoran geanticline, 20
The western margin, 18
Jurozephyria and the Southern Rocky Mountain Basin, 36
Jurozephyria: its origin, 36
The Contrast with Modern Physiography, 39
The Southern Rocky Mountain Basin, 38
Lower Jurassic seas and their faunas, 22
Alaska, 24
British Columbia, 23, 26
Early Lias of the southwest, 22
General character of the Lower Jurassic, 26
Later Lias sea in Nevada, 25
Oregon, 26
Middle Jurassic Seas and their faunas, 30
Break in the Vulcanism, 32
California, 33
General, 30
History, 36

In summary, 34
Juroberingia, 31
Oregon, 33
Southeastern Alaska, 31
The Far North, 34
The Rocky Mountain Region, 35
Western British Columbia, 31
North America at the beginning of the Cretaceous, 64
General, 64
Jurozephyria, 65
Later history, 66
The areas of elevation, 66
The Cretaceous Marine Invasions, 65
The Callovian Seas and their Faunas, 39
Alaska, 40
British Columbia, 41
Faunal Geography, 44
General, 39
Pacific States, 42
Rocky Mountain Region, 43
The Early Upper Jurassic Orogeny, 45
The Final Emergence, 54
Alaska, 55
British Columbia, 54
California, 55
Conclusions, 56
Mexico, 56
Oregon, 55
The drainage of the Logan Sea, 54
The Jurasside or Nevadian Orogeny, 57
Conclusions: the extent of the disturbance, 59
Criticism of the work of Diller and Knowlton, 60
Final conclusions, 63
Final solution of the problem of dating, 61
History of the problem, 57
Limited areal and structural importance, 62
Problem of date, 59
Special evidence from Alaska, 62
Special evidence from British Columbia, 62
The Upper Jurassic Batholiths, 63
The Logan Sea, and other Argovian Seaways, 47
Alaska, 50
British Columbia, 49
California, 51
California Coast Ranges, 52
Conclusion, 50
Faunal Geography, 51
Rocky Mountain Regions, 47
Rocky Mountains of Canada, 49
The Middle Jurassic Vulcanism, 27
Alaska, 27
British Columbia, 28
Conclusions, 29
General, 27
Pacific States, 28
The purpose of this memoir, 17
The Upper Jurassic Vulcanism, 44
Alaska, 45
British Columbia, 44
California, 45
Rocky Mountain Region, 45
Summary, 45
Justinian, 194–196

K

Kaempffert, Waldemar: Communication and world peace, 273
Kant, Emmanuel, 235
Karlowa, 196, 203
Kay, George F.: Origin of the pebble band on Iowan Till, xiv
Kelvin, 219, 226
Kennelly, Arthur E.: Rationalised versus unrationalised practical electromagnetic units, 103, xv
Kerr, S. E., 170
Kettering, Charles F., 345
Keyserling, 260
King James, 359
Koch, 234
Koehler, 235
Kovarik, A. F., 124

L

Lamarck, 234
Lande, 226
Langmuir, 226
Laporte, M., 123
Lear, 356
Leeuwenhoek, 234
Lee, Sidney, 359
Lee, W. J., 51
Leffmann, Henry, 243–244
Legewie, 235
Lengthening the span of life (Frankel), 241
Lewis, 226

Lewis, Sinclair, 282
Lilith, 357
Lockyer, 218
Lodge, Oliver, 284
Loeb, 235
Loeb, J., 183
Loess, pebble bands and boulders from glacial out-wash of the Greenland Continental glacier (Hobbs), xiv
Lost inner double leaf (Margolis), xii
Lucretius, 215
Lupher, R. L., 26, 33

M

Macallum, A. B., 10
MacArthur, 251
Macbeth, 356, 359
MacDonald, 269
Mahoney, J. J., 133
Malaviya, Madan Mohan, 318
Malvolio, 308
Margolis, Max L.: A lost inner double leaf, xii
Martel, Charles, 324
Martin, G. C., 75
Martin, Lawrence: John Filson's map of Kentucky, xiii, 1784
Mary Queen of Scots, 359
Maurois, 356
Maxwell, J. C., 103, 373
McCollum, 251
McDobbin, Stewart, 277
McLearn, F. H., 75
McMath, Francis C.: Preliminary results on the application of the motion picture camera to celestial photography, xv, 371
McMath, Robert R.: Preliminary results on the application of the motion picture camera to celestial photography, xv, 371
McMillan, 227
Mendel, Lafayette B., elected councillor, xi
Members admitted:
  Alexander, James W., xvii
  Berkey, Charles P., xvii
  Compton, Arthur H., viii
  Crocker, William, xvii
  Dugan, Raymond, S., xvii
  Gates, Thomas S., xvii
  Holland, Leicester B., xvii
  Lefschetz, Solomon, xvii
  Loomis, Alfred Lee, xv
  McClenahan, Howard, xiii
  Phelps, William Lyon, xiv
  Scattergood, J. Henry, xvii
  Scott, James B., xvii
deceased:
  Alderman, Edwin A., xvi
  Clarke, Frank Wigglesworth, xvi
  Comstock, John Henry, ix
  Day, Charles, xvi
  Dercum, Francis X., xvi
  Fennell, C. A. M., xvi
  Field, Robert Patterson, xvi
  de Gregorio, Marquis Antonio, viii
  Joffre, Joseph Jacques Cesaire, vii
  Jordan, David Starr, xvi
  Kitasato, Shibasaburo, xvi
  Michelson, Albert A., xvi
  Miller, Leslie W., ix
  Moore, Clifford Herschel, xvi
  Moore, George F., xvi
  Moore, Richard Bishop, vii
  Morrow, Dwight Whitney, xvi
  Murdock, Joseph B., ix
  Penrose, R. A. F., Jr., xvi
  Rogers, Robert William, vii
  Smith, James Perrin, vii
  Stratton, Samuel W., xvi
  Temple, Sir Richard, viii
  Ward, Robert DeCourcy, xvii
elected:
  Buddington, Arthur Francis, xi
  Case, Ermine Cowles, xi
  Crocker, William, xi
  Dugan, Raymond Smith, xi
  Forbes, Alexander, xi
  Gage, Simon Henry, xi
  Gifford, Walter Sherman, xi
  Greene, Evarts B., xi
  Hess, Alfred F., xi
  Holland, Leicester Bodine, xi
  Hooton, Earnest A., xi
  Jackson, Dugald Caleb, xi
  Kellogg, Frank Billings, xii
  Lampland, Carl Otto, xii
  Leland, Waldo G., xii
  McClenahan, Howard, xii
  Mitchell, Wesley Clair, xii
  Morrow, Dwight Whitney, xii
  Ochs, Adolph S., xii
  Rockefeller, John D., Jr., xii
  Ruthven, Alexander G., xii
  Scattergood, J. Henry, xii
  Spoehr, Herman Augustus, xii

elected:
Tyzzer, Ernest Edward, xii
Whitney, Willis R., xii
foreign members admitted:
Eddington, Arthur Stanley, xii
Keith, Arthur, xii
Mendel, 234
Michaelis, L., 181–183
Midgley, Thomas, Jr., 345
Mill, John Stuart, 303–304
Miller, John A., elected secretary, xi
Miller, Leslie William (Goodspeed), 299
Millikan, 221
Mommsen, 193, 199–200
Mond, R., 182
Montaigne, 353
More, Thomas, 353
Morse, 273, 275
Muller, Siemon, 22

N

Nadler, E. J., 174
Nature's puzzles, untangling one of (Hopkins), 207
Nehru, Pandit Jawahar Lal, 318, 340, 342
Nervous regulation of blood pressure (Bronk), xiii
Netter, H., 184
Niepce, 274
Non-living and living matter (Dercum), 1

O

Origin of the pebble band on Iowan Till (Kay), xiv
Osborn, Henry Fairfield: The elephant enamel method of measuring pleistocene time. Also stages in the succession of fossil man and stone age industries, xiv, 187
Osborne, 331
Osmotic hemolysis and Zoölogical classification (Jacobs), xvi, 363
Osterhout, W. J. V., 171, 251
Ostwald, Wilhelm, 259
Overton, E., 175, 176
Ovid, 355

P

Paisch, George, 316
Parker, 235
Parker, George H.: The rôle of cilia and muscles in the passage of sperms and eggs through the mammalian oviducts, xv
Parpart, A. K., 363
Partington, 269
Pasteur, 234
Patel, Vallabhbhai, 318
Patterson, Ernest Minor: Economic adjustment in a machine age, 263, 316
Paulus, 198
Pavloff, 261
Pavlov, 235
Pearl, 251
Pembroke, 359
Pericles, 280
Phidias, 310
Plato, 215, 256
Pollard, A. W., 361
Pomponius, 198–200
Pope, 232
Powell, 133
Preliminary results on the application of the motion picture camera to celestial photography (McMath, Hulbert and McMath), xv, 371
Price, Eli Kirk, elected treasurer, xi
Prince, John Dyneley: The Gottschee Germans of Slovenia, xiii, 391
Proudhon, 306
Ptolemy, 224

Q

Quiney, Richard, 355

R

Railroad versus the weather (Ward), xv, 137
Addendum, 166
Heating cars, 152
Ice storms, 146
Introduction, 137
Low temperatures, 148
Some climatic handicaps in the tropics, 159
Some weather handicaps of summer, 153
The deserts, 163
The equitorial belt of heavy rains, 162
The grasslands, 164
The railroads struggle with winter, 139
Tropical mountains, 165
Wind, 151
Rationalised versus unrationalised practical electromagnetic units (Kennelly), xv, 103
Conclusion, 117
Questions at issue in order to establish

an international complete practical system of electromagnetic units, 166
Rationalised and unrationalised systems of units, 104
Scope and purpose, 103
Ramsay, 218
Rayleigh, 218
Réaumur, 235
Return to Shakespearean Orthodoxy (Schelling), xii, 353
Rittenhouse, David, 241
Robertson, J. M., 361
Robertson,T. Brailaford, 381, 383, 389
Rôle of cilia and muscles in the passage of sperms and eggs through the mammalian oviducts (Parker), xv
Round table discussion, 309
Remarks of Cyrus Adler at the opening of the round table conference, 309; Robert A. Millikan, 311; and W. F. G. Swann, 313
Russell, Henry Norris, elected president to fill the unexpired term, xviii
Russell, Henry Norris, elected vice-president, xi
Russell, Henry Norris: The chemistry of the stars, xiv
Russell, S. S.: Early tertiary mollusca from Wyoming, xiv
Rutherford, 218, 222–223, 226

S

Sapru, Tej Bahadur, 318
Schelling, Felix E.: The return to Shakespearean orthodoxy, xii, 353
Schilling, H., 133
Schrödinger, 226
Schuchert, Charles, 76
Schwann, 234
Servius, 204
Shakespeare, William, 251, 297, 308, 353, 361
Shattuck, G. E., 363
Sherman, 269
Sherrington, 234
Shotwell, 274–275
Simon, John, 319
Sisson, 360
Sivaji, 318
Smart, J. S., 355
Smith, Adam, 271
Smith, J. P., 60, 76
Smith, Theobald, 234
Smith, W. A., 363
Smith, Warren D., 160
Socrates, 215, 256
Some economic aspects of Rome's early law (Frank), xiii, 193
Sommerfeld, 226
Spooner, D. B., 322
Stayes in the succession of fossil man time (Osborn), xiv
St. Augustine, 231
Stefansson, Vilhjalmur: Travellers tales, vii
Stevenson, 269
Strachey, John, 317, 356
Sumwalt, Miss Margaret, 183
Sussex, 259
Swingle, Wilbur W.: The hormone of the adrenal cortex, xvii

T

Talbot, Fox, 274
Tannenbaum, S. A., 354
Taylor, L. H., 244
Technology and material progress (Whitney), 255
Temple of Apollo at Bassal (Dinsmoor), xii
Terence, 231–233
Thales, 215
Thomson, Elihu, elected vice-president, xi
Thomson, J. J., 226
Thorndike, 235
Thou shalt not (Beck), 297
Toby, 308
Tracy, M. E., 258
Travellers tales (Vilhjalmur), vii
Tschinkel, Hans, 393
Tyndall, 133

U

Ulpian, 204
Umwelt, 238
Unemployment and its social significance (Woods), 285
Untangling one of nature's puzzles (Hopkins), xiii

V

Verne, Jules, 277
Verworn, 235
von Ortenburg, Otto, 392

W

Wallace, 234
Ward, Robert DeC.: The railroad versus the weather, xv, 137
Watson, 235
Webb, 269
Wells, E. L., 145
Wells, H. G., 277
Wheeler, William Morton: Hopes in the biological sciences, 231
Wherry, Edgar T.: Bearing of distribution of phlox subulata on glacial plant zoning, xv
Whitehead, A. N., 271
Whitney, Willis R.: Technology and Material progress, 255
Wilson, C. T. R., 216
Wilson, J. Dover, 360
Woods, Arthur: Unemployment and its social significance, 285
Woolman, John, 258

Y

Yerkes, 235
Yntema, L. F., 213

Z

Zeleny, John: The changes which gaseous ions undergo with time, viii, 121